



MU-01

TEMPERATURE & HUMIDITY DATA LOGGER



Overview

The MU-01 Temperature & Humidity Data Logger is a compact, reusable environmental monitoring device designed for accurate recording of temperature and humidity conditions for food, pharmaceuticals and other products in storage and transportation environments. Supports multiple start and stop modes, multiple threshold settings, two storage modes and automatically generates PDF reports.

Features

- From -30 °C~70 °C and 0~100 %RH readings.
- Memory capacity up to 32,000 records
- Programmable logging interval (10 seconds to 24 hours)
- Configurable high and low alarm limits
- Automatic encrypted PDF report generation with password protection.
- Compliance with CE(EN12830), RoHS, BQB, and FDA (21CFR).

Specification	MU-01
Measurement Range	-30°C ~ +70°C (-22°F ~ 158°F) 0% RH ~ 100% RH
Sensor Type	Internal
Temperature Accuracy	±0.5°C (-20°C to 40°C), ±1.0°C (others)
Humidity Accuracy	±3% RH (25°C; 20% RH ~80% RH), ±5% RH (others)
Display Resolution	Temperature:0.1°C; Humidity :0.1% RH
Memory	32,000 points (MAX)
Logging Interval	10 second ~ 24 hours (programmable)
Start Mode	Press Button or Scheduled date & time
Stop Mode	Press Button, use software, or auto stop
Alarm Threshold	Configurable
Temperature	Up to 3 high limits and 2 low limits
Humidity	1 high limit and 1 low limit
Alarm Delay	10 second ~ 24 hours
Report Type	PDF
Data Interface	USB port
Battery	3.0V disposable Lithium battery CR2450
Battery Life	Typically, 1 Year
Protection Level	IP65
Dimensions	97 mm x 45 mm x 12.5 mm (LxWxH)

Applications

Widely used in Cold chain transportation, pharmaceutical storage, Food processing and distribution, Warehouses and logistics centers, Refrigerated vehicles and containers, Laboratories, Agricultural storage and greenhouses.

Package Contents

- MU-01 Temperature & Humidity Data Logger
- User Manual
- Calibration Certificate (Optional)

Ordering Information

Model Code: MU-01...Reusable
Temperature & Humidity Data Logger